

II. CLAIM AMENDMENTS

1. (Currently Amended) A network element ~~of a data transmission network, which network element~~ comprisinging:

data transfer means for downloading a driver from a network server via a data transmission network; and for transmitting and receiving data from the data transmission network, which data comprises one or more commands;

an interface unit for transmitting and receiving data to and from an external unit ~~processing means for providing an address for the downloading of said driver and for processing data provided in a specified format;~~

control means for modifying one or more commands received into a format required by the the external unit ~~processing means;~~

wherein said control means comprise:

an application programming interface for invoking one or more functions in a restricted library in the network element to control the operation of the external unit, for invoking one or more functions in a standard library in the network element, for checking that the origin of the downloaded driver has been verified prior to executing one or more functions in the restricted library; and

wherein an origin of said downloaded driver ~~the origin of which~~ is verified using at least an electronic signature;

~~one or more functions that control the operation of the processing means, which functions can only be initiated by said downloaded driver the origin of which is verified with at least the electronic signature.~~

2. (Original) A network element according to claim 1, wherein said network element is a wireless terminal.

3-4. (Cancelled)

5. (Original) A network element according to claim 1, wherein said driver is stored in the network element as a byte compiled code.

6. (Original) A network element according to claim 5, wherein said electronic signature comprises a character string, processed by the secret key of the publisher of said code, whereupon the verification of the driver's origin takes place by decrypting the encryption of the character string by the code of publisher's public key.

7. (Original) A network element according to claim 6, wherein said character string comprises a hash computed from said code by a specified hash function.

8. (Previously Presented) A network element according to claim 1, wherein a driver relating to a specific use is arranged to receive a command in a specified format.

9. (Currently Amended) A data transmission network, comprising
a network element, which network element comprises

data transfer means for downloading a driver and ~~for transmitting and receiving data from the data transmission network, which data comprises one or more commands~~ from a network server via a data transmission network;

an interface unit for transmitting and receiving data to and from an external unit, which data comprises one or more commands, the external unit~~processing means for providing an address for the downloading of said driver and for~~
processing data provided in a specified format;

control means for modifying the received command into a format required by ~~the processing means~~ the external unit;

wherein said control means comprise:

an application programming interface for invoking one or more functions in a restricted library in said network element to control the operation of said external unit, for invoking one or more functions in a standard library in said network element, for checking that the origin of said download driver has been verified prior to executing said one or more functions in said restricted library; and

~~wherein the origin of said downloaded driver the origin of
which is verified using at least an electronic signature.~~

~~one or more functions that control the operation of the
processing means, which functions can only be initiated by
said downloaded driver the origin of which is verified
with at least the electronic signature.~~

10. (Original) A data transmission network according to claim 9,
wherein said network element is a wireless terminal.

11. (Original) A data transmission network according to claim
9, wherein said network element is a network server.

12. (Currently Amended) A method for processing data, the
method comprising:

~~providing an address for the downloading of a driver on a smart
card;~~

~~downloading said a driver from a data transmission network to a
network element using said address;~~

~~verifying an origin of the driver using at least an electronic
signature;~~

~~executing an application in the network element;~~

~~the application issuing a command to the driver;~~

the driver modifying the command into a format required by an external unit;

the driver calling a function in a restricted library to control the operation of the external unit; and

checking that the origin of the driver has been verified prior to executing the function

~~receiving data from a data transmission network, which data comprises at least one command;~~

~~modifying the at least one command by said downloaded driver the origin of which is verified using at least an electronic signature;~~

~~controlling the processing by functions, which functions can only be initiated by said downloaded driver the origin of which is verified using at least the electronic signature.~~

13-16. (Cancelled)